

Work Order ID 61552

Monday, August 30, 2010 11:19:44 AM



Page 1

Item ID: D350-561-141

Accept



Setup Start



Revision ID:

Stop



Item Name: Single Cargo Mirror Assembly

Start Date: 8/30/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 9/6/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

M

Date: 10-8-30

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

N/A

~~Rev N/A~~ Rev D

Pto-7/

100

0.00



DOCUMENT CONTROL

DC

Memo

White

0.00

Document Control

Photocopy bluefile and create labels per PPP D350-561-141 CHG003

Sicolor

Hj for BG 10-9-07

105

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

10/9/38

110

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

Sicolor

FL

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
10/9/07	#100	Per. Jany header box ^{should} is be now @ Rev D		10.09.08			S 10/09/07	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Abstract The purpose of this study was to determine whether there were differences in the prevalence of risk factors for coronary artery disease between men who had been exposed to asbestos and those who had not. A case-control study was conducted among men aged 60 years or older who had been employed in asbestos-related occupations before age 60. The cases were men who had died from coronary artery disease between 1978 and 1982. Controls were men who had died from causes other than coronary artery disease during the same period. Data were obtained from death certificates, medical records, and interviews with family members. The results showed that the prevalence of risk factors for coronary artery disease was higher among men who had been exposed to asbestos than among those who had not. This finding suggests that exposure to asbestos may be a risk factor for coronary artery disease.

Page 2

Accept

[illegible]**Setup Start**

Stop

00000000000000000000

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Cust Item ID:[illegible]**Customer:**

Reference:

Run Start

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-561-141

Mr C

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

10/09/08

me

10-9-8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Monday, August 30, 2010 11:19:50 AM

1. **Author(s):** [Redacted]
 2. **Title:** [Redacted]
 3. **Journal:** [Redacted]
 4. **Volume:** [Redacted]
 5. **Issue:** [Redacted]
 6. **Pages:** [Redacted]
 7. **Year:** [Redacted]
 8. **DOI:** [Redacted]
 9. **URL:** [Redacted]
 10. **Abstract:** [Redacted]
 11. **Keywords:** [Redacted]
 12. **Notes:** [Redacted]
 13. **References:** [Redacted]
 14. **Comments:** [Redacted]
 15. **Received:** [Redacted]
 16. **Accepted:** [Redacted]
 17. **Published:** [Redacted]
 18. **Revised:** [Redacted]
 19. **Final:** [Redacted]
 20. **Version:** [Redacted]
 21. **File:** [Redacted]
 22. **Size:** [Redacted]
 23. **Type:** [Redacted]
 24. **Format:** [Redacted]
 25. **Encoding:** [Redacted]
 26. **Language:** [Redacted]
 27. **Subject:** [Redacted]
 28. **Category:** [Redacted]
 29. **Field:** [Redacted]
 30. **Discipline:** [Redacted]
 31. **Area:** [Redacted]
 32. **Topic:** [Redacted]
 33. **Issue:** [Redacted]
 34. **Question:** [Redacted]
 35. **Problem:** [Redacted]
 36. **Challenge:** [Redacted]
 37. **Goal:** [Redacted]
 38. **Objective:** [Redacted]
 39. **Purpose:** [Redacted]
 40. **Mission:** [Redacted]
 41. **Task:** [Redacted]
 42. **Role:** [Redacted]
 43. **Function:** [Redacted]
 44. **Responsibility:** [Redacted]
 45. **Authority:** [Redacted]
 46. **Power:** [Redacted]
 47. **Influence:** [Redacted]
 48. **Impact:** [Redacted]
 49. **Effect:** [Redacted]
 50. **Result:** [Redacted]
 51. **Outcome:** [Redacted]
 52. **Consequence:** [Redacted]
 53. **Implication:** [Redacted]
 54. **Significance:** [Redacted]
 55. **Importance:** [Redacted]
 56. **Value:** [Redacted]
 57. **Benefit:** [Redacted]
 58. **Advantage:** [Redacted]
 59. **Strength:** [Redacted]
 60. **Weakness:** [Redacted]
 61. **Limitation:** [Redacted]
 62. **Constraint:** [Redacted]
 63. **Barrier:** [Redacted]
 64. **Obstacle:** [Redacted]
 65. **Challenge:** [Redacted]
 66. **Problem:** [Redacted]
 67. **Issue:** [Redacted]
 68. **Question:** [Redacted]
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 73. **Area:** [Redacted]
 74. **Topic:** [Redacted]
 75. **Issue:** [Redacted]
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 77. **Problem:** [Redacted]
 78. **Challenge:** [Redacted]
 79. **Goal:** [Redacted]
 80. **Objective:** [Redacted]
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 83. **Task:** [Redacted]
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 87. **Authority:** [Redacted]
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 94. **Consequence:** [Redacted]
 95. **Implication:** [Redacted]
 96. **Significance:** [Redacted]
 97. **Importance:** [Redacted]
 98. **Value:** [Redacted]
 99. **Benefit:** [Redacted]
 100. **Advantage:** [Redacted]

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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ST004	19
40274	1
<u>46634</u>	18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, August 30, 2010 11:19:50 AM

Page 2

Work Order ID: 61552

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

5	D2012-111	Manufactured	No		105	Each	11.0000	1		1	10/9/38
	Bracket										
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
				ST004		11					
				40148		11					
8	D2012-115	Manufactured	No		105	Each	52.0000	1		1	10/9/38
	Bracket, Clevis										
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
				ST004		52					
				25581		52					
6	D2022-101	Manufactured	No		105	Each	76.0000	2		2	10/9/38
	Spacer										
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
				ST504		76					
				50746		23					
				52325		53					
6	D3629-1	Manufactured	No		105	Each	6.0000	1		1	10/9/38
	Bracket										
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
				ST244A		6					
				48560		6					
6	D3635-1	Manufactured	No		105	Each	8.0000	1		1	10/9/38
	Gasket										
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
				ST076		8					
				60427		8					

Monday, August 30, 2010 11:19:50 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, August 30, 2010 11:19:50 AM

Page 3

Work Order ID: 61552

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

D3635-3

Manufactured No

105

Each

34.0000

2



Gasket

Location

Loc Qty

Loc Code

ST076

34

56399

34

D3646-1

Manufactured No

105

Each

7.0000

1



Arm

Location

Loc Qty

Loc Code

ST229

7

58836

7

D3646-3

Manufactured No

105

Each

15.0000

1



Arm

Location

Loc Qty

Loc Code

ST229

15

58837

5

60429

10

D4070-041

Manufactured No

105

Each

63.0000

2



Clamp

Location

Loc Qty

Loc Code

ST460

63

56381

63

Monday, August 30, 2010 11:19:51 AM

Shop Packet Print

Page 3

Dart Aerospace Ltd

W/O: 6552		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/9/7	#100	Perm. Jagn "Per IZN Rev D"					
		Remove D3635-3 From Part list + w/o Per IZN Rev D.	CE	10/9/7			S
		ADD A13-SA M* 10557 dth x3 per lot - 5.10/05/07	CE	10/9/7			10/12/07
10/9/7	#100	update w/o + Bom per IZN Rev D. ADD copy of ^{new} Bom for ref.	W	10.09.08			S 10/10/07

Part No: D350-561-141 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, August 30, 2010 11:19:51 AM

Work Order ID: 61552

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

AN3-4A
Bolt

Purchased No

105 Each

1,136.000 3



3
10/9/13sf

Location

Loc Qty

Loc Code

ST350

1136

104214

129

104291

300

104322

200

104374

200

104625

300

104817

7

AN3-6A
Bolt

Purchased No

105 Each

270.0000 1



3
10/9/13sf

Location

Loc Qty

Loc Code

ST351

270

113359

70

114941

200

AN4-5A
Bolt

Purchased No

105 Each

260.0000 3



3
10/9/13sf

Location

Loc Qty

Loc Code

ST356

260

114108

13

114330

147

115016

100

3

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, August 30, 2010 11:19:51 AM

Page 5

Work Order ID: 61552

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

AN4-10A
Bolt
Purchased No

105 Each

104.0000

1

1

Location

Loc Qty

Loc Code

ST356

104

113422

4

114523

100

AN960JD10
Washer
NAS1149D0363J Purchased No

105 Each

6.0000

8

8

Location

Loc Qty

Loc Code

ST

6

107715

6

AN960JD416
Washer
NAS1149D0463J Purchased No

105 Each

0.0000

8

8

MS21042L3
Nut
Purchased No

105 Each

2,176.000

4

4

Location

Loc Qty

Loc Code

ST300

2176

114523

115

114718

61

114784

2000

Monday, August 30, 2010 11:19:51 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, August 30, 2010 11:19:51 AM

Page 6

Work Order ID: 61552

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly



Start Date: 8/30/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

105

Each

2,527.000

4

4



Nut



10/19/30

Location

Loc Qty

Loc Code

ST300

2527

113422

68

114523

28

114718

16

114784

495

115108

1920

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5. PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -141	Qty -143	Part Number	Description
X	1				D350-561-041	SINGLE MIRROR INSTALLATION
	X				D350-561-043	DUAL MIRROR INSTALLATION
	1	X		1	D350-561-045	MIRROR KIT
			X	1	D350-561-141	SINGLE MIRROR INSTALLATION
				X	D350-561-143	DUAL MIRROR INSTALLATION
1		1	1		D2011-101	Mirror
1					D2012-101	Arm
1					D2012-103	Arm
1			1		D2012-105	Arm
2			1		D2012-107	Clevis
1					D2012-109	Bracket
1			1		D2012-111	Bracket
4		2			D2012-113	Clamp
1			1		D2012-115	Bracket
4			2		D2022-101	Spacer
4					D2856-100-325	Abrasion Strip
1*		1*	1*		D3014-1	Locknut
			1		D3629-1	Bracket
			1		D3635-1	Gasket
		2			D3635-3	Gasket
			1		D3646-1	Arm
			1		D3646-3	Arm
			2		D4070-041	Clamp
2		2	3		AN3-4A	Bolt
2			3		AN3-5A	Bolt
1			1		AN3-6A	Bolt
2			1		AN4-10A	Bolt
3			3		AN4-5A	Bolt
14		4	8		AN960JD10	Washer
9		2	8		AN960JD416	Washer
1*		1*	1*		AN960JD416L	Washer
5		2	4		MS21042L3	Nut (or MS21042-3)
5			4		MS21042L4	Nut (or MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR

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Revision: D

Date: 10.06.16